Essential Functions

Individuals admitted to St. Luke’s College Department of Imaging Sciences Education must possess the capability to complete the entire curriculum and achieve an Associate of Science Degree in Radiologic Technology. This curriculum requires demonstrated proficiency in a variety of cognitive, problem-solving, manipulative, communicative and interpersonal skills. Therefore, all students admitted to the Imaging Science Program must possess the following abilities and or meet the following expectations:

The student must be able to:

• observe and participate in all demonstrations and experiments in the basic sciences, including group and self-learning situations.
• learn to analyze, synthesize, solve problems, and reach evaluative judgment.
• use the senses of vision, hearing, and touch necessary to directly perform radiographic examinations, and review and evaluate the recorded images.
• communicate verbally in an effective manner to direct patients during radiographic examinations.
• provide physical and emotional support to the patient during the radiographic procedures, being able to respond to situations requiring first aid and providing emergency care to the patient in the absence of, or until the physician arrives.
• demonstrate the ability to recognize limitations in their knowledge, skills, and abilities and to seek appropriate assistance with their identified limitations.
• possess the ability to work collaboratively with all members of the health care team.
• calculate and select proper technical exposure factors according to the individual needs of the patient and the requirements of the procedure’s standards of speed and accuracy.
• transport, move, lift, and transfer patients from a wheelchair to cart to an x-ray table or to a patient bed; move, adjust, and manipulate a variety of radiographic equipment, including the physical transportation of mobile radiographic equipment.
• learn to respond with precise, quick, and appropriate action in stressful and emergency situations.
• accept criticism and adopt appropriate modification in their behavior.
• demonstrate emotional health required for utilization of intellectual abilities and exercise good judgment
• perform radiographic duties while standing about 80 percent of the time